CLAIMS

What is claimed is:

1 1.   A method comprising:

2   determining whether a digital signal processor needs a service program

3 stored in a juke box overlay memory; and

4   delivering the service program to the digital signal processor from the

5 juke box overlay memory over a host port interface bus.

1 2.   The method of claim 1, further comprising generating a data packet from

2 a pulse code modulated data stream using the service program.

1 3.   The method of claim 2, further comprising receiving the pulse code

2 modulation data stream from a public switched telephone network.

1 4.   The method of claim 2, further comprising:

2   transmitting the data packet over an internet protocol network.

1 5.   The method of claim 1, wherein the service program provides a service

2 selected from the group comprising voice communication, fax communication,

3 modem communication, video communication, and audio communication.

1   6.   The method of claim 1, further comprising:

2   receiving a packet from an internet protocol network;

3   generating a pulse code modulation data stream from the packet using

4   the service program; and

5   transmitting the pulse code modulation data stream over a public

6   switched telephone network.

1   7.   An apparatus comprising:

2   means for determining whether a digital signal processor needs a service

3   program stored in a juke box overlay memory; and

4   means for delivering the service program to the digital signal processor

5   from the juke box overlay memory over a host port interface bus.

1   8.   The apparatus of claim 7, further comprising means for generating a data

2   packet from a pulse code modulated data stream using the service program.

1   9.   The apparatus of claim 8, further comprising means for receiving the

2   pulse code modulation data stream from a public switched telephone network.

1   10.   The apparatus of claim 8, further comprising:

2   means for transmitting the data packet over an internet protocol

3   network.

1   11.   The apparatus of claim 7, wherein the service program provides a service

2   selected from the group comprising voice communication, fax communication,

3   modem communication, video communication, and audio communication.

1   12.   The apparatus of claim 7, further comprising:

2   means for receiving a packet from an internet protocol network;

3   means for generating a pulse code modulation data stream from the

4   packet using the service program; and

5   means for transmitting the pulse code modulation data stream over a

6   public switched telephone network.

1   13.   A computer readable medium having instructions which, when executed

2   by a processing system, cause the system to:

3   determine whether a digital signal processor needs a service program

4   stored in a juke box overlay memory; and

5   deliver the service program to the digital signal processor from the juke

6   box overlay memory over a host port interface bus.

1   14.   The medium of claim 13, wherein the executed instructions further cause

2   the system to generate a data packet from a pulse code modulated data stream

3   using the service program.

1   15.   The medium of claim 14, wherein the executed instructions further cause

2   the system to:

3   receive the pulse code modulation data stream from a public switched

4   telephone network.

1'   16.   The medium of claim 14, wherein the executed instructions further cause

2.   the system to:

3   transmit the data packet over an internet protocol network.

1   17.   The medium of claim 13, wherein the service program provides a service

2   selected from the group comprising voice communication, fax communication,

3   modem communication, video communication, and audio communication.

1   18.   The medium of claim 13, wherein the executed instructions further cause

2   the system to:

3   receive a packet from an internet protocol network;

4   generate a pulse code modulation data stream from the packet using the

5   service program; and

6   transmit the pulse code modulation data stream over a public switched

7   telephone network.

1   19.   An apparatus comprising:

2   an interface manager to determine whether a digital signal processor

3   needs a service program stored in a juke box overlay memory; and

4   a host port interface bus to deliver the service program to the digital

5   signal processor from the juke box overlay memory.